

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023514**Date Inspected:** 05-Apr-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China**CWI Name:** Geng Wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Structure**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector ,Mr. Manuel Teall was present during the times noted above for observations relative to the work being performed at ZPMC.

BAY 14 -

SHIELDED METAL ARC WELDING (SMAW).

This QA Inspector observed the welding operation per the (SMAW) process in the (3G) vertical position on a weld joint identified as Seg3019L-082 14E. The welder is identified as 066418. The ZPMC Quality Control (QC) is identified as Mr. Yhan Yuan . The welding variables recorded by QC appeared to comply with WPS-B-P-2213-B-U2-FCM-1

SHIELDED METAL ARC WELDING (SMAW).

This QA Inspector observed the welding operation per the (SMAW) process in the (4G) overhead position on a weld joint identified as Seg3019K-007 14E. The welder is identified as 054013. The ZPMC Quality Control (QC) is identified as Mr. Yhan Yuan . The welding variables recorded by QC appeared to comply with

WELDING INSPECTION REPORT

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VISUAL INSPECTION

This QA Inspector Manuel Teall performed a random visual inspection on OBG APBB1-Bearing Blocks .the blocks are located in Bay 14 .There are Bearing Blocks that have been installed and have been rejected QC has been told multiple times that they need to be repaired .

On this date Caltrans OSM Quality Assurance (QA) Inspector ,Mr. Manuel Teall was present during the times noted above for observations relative to the work being performed at ZPMC.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Teall,Manuel	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
